Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030821\
Data File : BN013871.D
Acq On : 08 Mar 2021 16:00
Operator : CG/JU
Sample : PB135037BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB135037BSD

Manual Integrations APPROVED
mohammad
3/9/2021 12:19:55 PM

Quant Time: Mar 08 16:36:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 08 10:32:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.725	152	7549	0.40	ng		0.00
7) Naphthalene-d8	10.505	136	28934	0.40	ng		# 0.00
13) Acenaphthene-d10	14.346	164	16067	0.40	ng		0.00
19) Phenanthrene-d10	17.092	188	34537	0.40	ng		# 0.00
29) Chrysene-d12	21.261	240	34203	0.40	ng		0.00
36) Perylene-d12	23.489	264	33268	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.317	112	7006	0.35	ng		0.00
5) Phenol-d6	6.887	99	9300	0.35	ng		0.00
8) Nitrobenzene-d5	8.857	82	7483	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.089	152	18525	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.843	330	1925	0.29	ng		0.00
15) 2-Fluorobiphenyl	12.976	172	24712	0.44	ng		0.00
27) Fluoranthene-d10	19.119	212	38364	0.38	ng		0.00
31) Terphenyl-d14	19.720	244	30027	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.255	88	3724	0.41	ng		99
3) n-Nitrosodimethylamine	3.585	42	2708	0.38	ng	#	91
6) bis(2-Chloroethyl)ether	7.153	93	8481	0.44	ng		95
9) Naphthalene	10.543	128	29641	0.42	ng		99
10) Hexachlorobutadiene	10.835	225	5590	0.41	ng	#	99
12) 2-Methylnaphthalene	12.164	142	20026	0.40	ng		99
16) Acenaphthylene	14.067	152	24598	0.34	ng		99
17) Acenaphthene	14.410	154	18258	0.41	ng		99
18) Fluorene	15.399	166	22863	0.40	ng		99
20) 4,6-Dinitro-2-methylph...	15.475	198	1333	0.56	ng		89
21) 4-Bromophenyl-phenylether	16.289	248	7315	0.39	ng		98
22) Hexachlorobenzene	16.398	284	8728	0.44	ng		99
23) Atrazine	16.557	200	4345	0.25	ng		96
24) Pentachlorophenol	16.739	266	1985	0.31	ng		97
25) Phenanthrene	17.128	178	38017	0.42	ng		100
26) Anthracene	17.226	178	31026	0.35	ng		100
28) Fluoranthene	19.154	202	42361	0.39	ng		99
30) Pyrene	19.511	202	42754	0.41	ng		100
32) Benzo(a)anthracene	21.250	228	37585	0.36	ng		98
33) Chrysene	21.303	228	43123	0.42	ng		98
34) Bis(2-ethylhexyl)phtha...	21.186	149	11044	0.22	ng		98
35) Indeno(1,2,3-cd)pyrene	25.721	276	52573	0.42	ng		99
37) Benzo(b)fluoranthene	22.822	252	46212	0.43	ng		95
38) Benzo(k)fluoranthene	22.866	252	47331m	0.46	ng		
39) Benzo(a)pyrene	23.393	252	43653	0.46	ng	#	86
40) Dibenzo(a,h)anthracene	25.738	278	43457	0.43	ng		97
41) Benzo(g,h,i)perylene	26.406	276	44697	0.44	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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